

Attorney Docket No.: 02SKY103P-CON
Application Serial No.: 10/666,617

List of Claims:

Claims 1-23 (Cancelled)

Claim 24 (Currently Amended): A computer software product for use by a computer system to transfer data between said computer system and a mobile phone for communication with a wireless network, said wireless network using a communication protocol, wherein said computer system is connected to a first end of a cable and said mobile phone is connected to a second end of said cable, said computer software product comprising:

code for formatting said data in accordance with said communication protocol to generate formatted data; and

code for transmitting said formatted data over said cable;

wherein said cable includes a mobile phone interface interposed on said cable between said first end and said second end, and wherein said mobile phone interface has an interface engine in communication with said ~~computing device connector~~ computer system, a digital translation block in communication with said interface engine, and a mobile phone interface in communication with said mobile phone ~~connector~~.

Claim 25 (Previously Presented): The computer software product of claim 24, wherein said code for formatting converts said data between a format used by a data terminal emulation program and another format used by said communication protocol.

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Claim 26 (Previously Presented): The computer software product of claim 24 further comprising code for parsing commands, code for controlling a hardware access drive, and code for an external plug-in module.

Claim 27 (Currently Amended): A method of transferring data for use by a computer system to transfer data between said computer system and a mobile phone for communication with a wireless network, said wireless network using a communication protocol, wherein said computer system is connected to a first end of a cable and said mobile phone is connected to a second end of said cable, said method comprising:

formatting said data in accordance with said communication protocol to generate formatted data; and

transmitting said formatted data over said cable;

wherein said cable includes a mobile phone interface interposed on said cable between said first end and said second end, and wherein said mobile phone interface has an interface engine in communication with said ~~computing device connector~~ computer system, a digital translation block in communication with said interface engine, and a mobile phone interface in communication with said mobile phone ~~connector~~.

Claim 28 (Previously Presented): The method of claim 27, wherein said formatting converts said data between a format used by a data terminal emulation program and another format used by said communication protocol.

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Claim 29 (Currently Amended): A computer system capable of communicating data with a mobile phone for communication with a wireless network, said wireless network using a communication protocol, wherein said computer system is connected to a first end of a cable and said mobile phone is connected to a second end of said cable, said computer system comprising:

a formatting module configured to format said data in accordance with said communication protocol and to generate formatted data; and

a transmitting module configured to transmit said formatted data over said cable;

wherein said cable includes a mobile phone interface interposed on said cable between said first end and said second end, and wherein said mobile phone interface has an interface engine in communication with said ~~computing device connector~~ computer system, a digital translation block in communication with said interface engine, and a mobile phone interface in communication with said mobile phone ~~connector~~.

Claim 30 (Previously Presented): The computer system of claim 29, wherein said formatting module converts said data between a format used by a data terminal emulation program and another format used by said communication protocol.

Claim 31 (Previously Presented): The computer system of claim 29 further comprising a command parser, a hardware access drive, and an external plug-in module.

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Claim 32 (Previously Presented): A system for connecting a mobile phone to a computing device, said system comprising:

a computing device connector configured to connect to said computing device;

a mobile phone connector configured to connect to said mobile phone; and

a mobile phone interface connecting said computing device connector to said mobile phone connector, said mobile phone interface including:

an interface engine in communication with said computing device connector;

a digital translation block in communication with said interface engine; and

a mobile phone interface in communication with said mobile phone connector;

wherein said computing device connector and said mobile phone connector are at two ends of a cable, and wherein said mobile phone interface is interposed on said cable between said two ends.

Claim 33 (Previously Presented): The system of claim 32 further comprising: a software program for controlling said mobile phone interface.

Claim 34 (Previously Presented): The system of claim 33, wherein said software program runs on said computing device.

Claim 35 (Previously Presented): The system of claim 33, wherein said software program converts data between a format used by said computing device and another format used by said mobile phone.

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Claim 36 (Cancelled)

Claim 37 (Previously Presented): The system of claim 32, wherein said computing device connector is a Universal Serial Bus connector.

Claim 38 (Previously Presented): The system of claim 32, wherein said computing device is a personal computer.

Claim 39 (Previously Presented): A cable for connecting a mobile phone to a computing device, said cable comprising:

a first end configured to connect to said computing device;

a second end configured to connect to said mobile phone; and

a mobile phone interface interposed on said cable between said first end and said second end, said mobile phone interface including:

an interface engine in communication with said computing device connector;

a digital translation block in communication with said interface engine; and

a mobile phone interface in communication with said mobile phone connector.

Claim 40 (Previously Presented): The method of claim 39, wherein said first end is a Universal Serial Bus connector.

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Claim 41 (Previously Presented): The method of claim 39, wherein said computing device is a personal computer.